

## WHEN AND HOW TO SOW SOY BEAN

Use, Value and Fertilization—  
Place and Rotation of  
Vegetables.

The soy bean, also called soja bean and soya bean, is an annual leguminous plant, native of southeastern Asia, and has been extensively cultivated in China and Japan for many centuries. In those countries it occupies an important place among human food plants, supplying a large amount of easily digested nitrogenous matter. Its adaptability to this country has been amply demonstrated by experiment stations and practicing farmers. It has come to stay. Its value as a forage crop and its wonderful effects as a soil improver have given it a secure foothold on many farms in Illinois.

On most Illinois soils the soy bean will generally give best results as a grain crop, though it is excellent as a cover crop for green manure for plowing under, as it provides a large amount of organic matter rich in nitrogen. The demand for seed for planting has, so far, taken up all the seed offered on the market in this state, and doubtless the rapid extension of the use of the crop will continue for some years longer to keep up a strong demand for seed. As a highly nitrogenous feeding stuff for mixing with corn for "hogging off," with corn as a supplement, the crop has a value almost, if not quite, equal to its value on the seed market.

It must be clearly understood that this crop can not thrive without food. Its mineral food must come out of the soil and it can not get nitrogen out of the air unless it is properly inoculated. Soils which are naturally unproductive, or are badly run down by long years of cropping without adequate returns, can not be expected all at once to give wonderful crops of soy beans. However, with attention to drainage, liming of soil, and such applications of rock phosphate as the soil may need, this crop will do better than almost anything else on rundown land. Wherever organic matter and nitrogen are lacking there is no quicker or cheaper method of correction than the use of this plant.

In the corn belt generally, probably the best place in a regular rotation is after corn. A good rotation consists of corn, soy beans, wheat and clover, with soy beans again if clover fails. With this rotation, only the mineral elements of plant food need be applied in order to maintain soil fertility.

Soy beans may be sown between the corn rows at last cultivation with a one-horse wheat drill, using the middle three hoes, although the shading by the corn will not give them the same chance as when allowed full possession of the ground after a small grain crop.

For sowing after harvest on oat or wheat stubble fields where clover has not been sown or has failed, or after early potatoes, and as an orchard cover crop, soy beans can not be too highly recommended. For this purpose the seed may be drilled solid at the rate of 1 to 1.5 bushels per acre after double disking and harrowing or plowing and harrowing the stubble ground.

For a full crop, the best time to sow is when the ground is thoroughly warm in spring, or immediately after the best time to plant corn, although the earlier varieties may be sown some weeks later and still have time to mature. As a cover crop which may be pastured in fall or plowed under, soy beans may be sown after a summer harvested crop even as late as the end of July and still make profitable growth.

Whether to plant in rows for cultivation or drill solid without subsequent cultivation is a matter for the individual farmer to determine according to his particular conditions. In planting for cultivation the rows may be 24 to 40 inches apart. Rows 36 inches apart can be easily cultivated with a two-horse cultivator. The closer spacing of rows is preferable for hay production and under favorable conditions drilling solid may be best for this purpose. As a cover crop sown later in season, seed should be drilled solid at the rate of at least a bushel per acre.

The wheat drill is the most convenient implement for seeding. For drilling solid, the drill should be set from 1.5 to 2 bushels of oats per acre, which will require from 1.5 to 2 bushels of seed per acre of the medium sized varieties. For drilling in rows the drill should be set for 2 to 2.5 bushels of oats per acre, according to spacing, which will require about 25 to 30 pounds of seed per acre.

When intended to use as hay, the soy bean should be cut soon after the pods are about half developed. If left much later the stems become quite woody and inferior in feeding quality. The method of haymaking is not radically different from that used with clover, but the curing process takes a little more time. In bright weather the crop may be mowed one day, windrowed the next, turned the third day and put up in small cocks, where it should partially cure before putting into the barn or stack two or three days later.

When harvesting for seed the most satisfactory method is to cut the crop with a mower having a good side delivery attachment which clears the track for the team on the next ground. If planted in rows and cultivated, the ground can hardly be kept quite level and a special arrangement may be needed to raise the sickle-bar sufficiently to keep it from dragging on the rows. The self-blinder may also be satisfactorily used for harvesting this leguminous crop. Cut the crop for seed as soon as most of the pods are ripe. At this

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# CAN YOU GIVE HER AS GOOD A HOME?

Furniture  
Fourth  
Floor

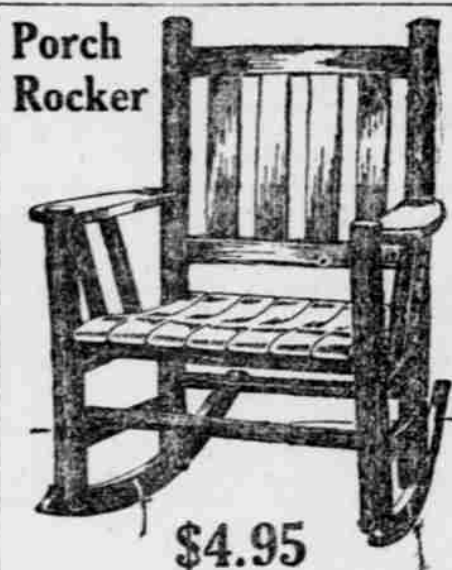


**Yes, You Can,** absolutely by means of our easy payment plan. But more important than all, you can do so by means of our low prices. Being a department store our rents are much lower, thus enabling us to sell much cheaper. Yet our quality is of the highest. We have been in business here for years and would not have a department that would not sustain the high standard for which we have always stood and shall ever stand. Saturday will be the last day of our

## MAY FURNITURE SALE

10% to 40% OFF ON FURNITURE  
(Except Contract Goods)

We made a special purchase of a large number of articles and add to the stock pieces from our regular stock. Don't pass this opportunity up and be sorry afterwards. Take advantage now.

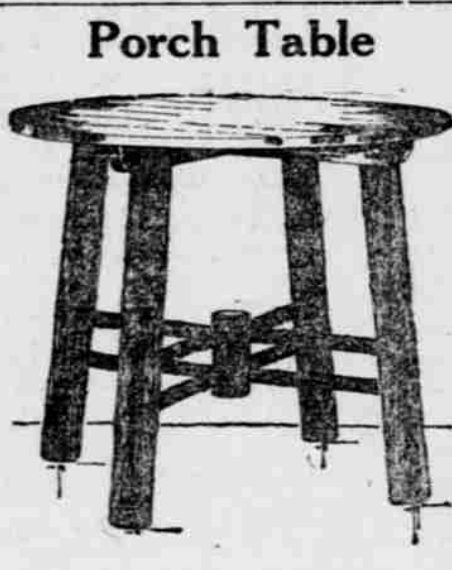


Porch  
Rocker

\$4.95

made of white cedar, in the rustic patterns, with polished seat and back, made to stand the weather, for this sale.

\$4.95

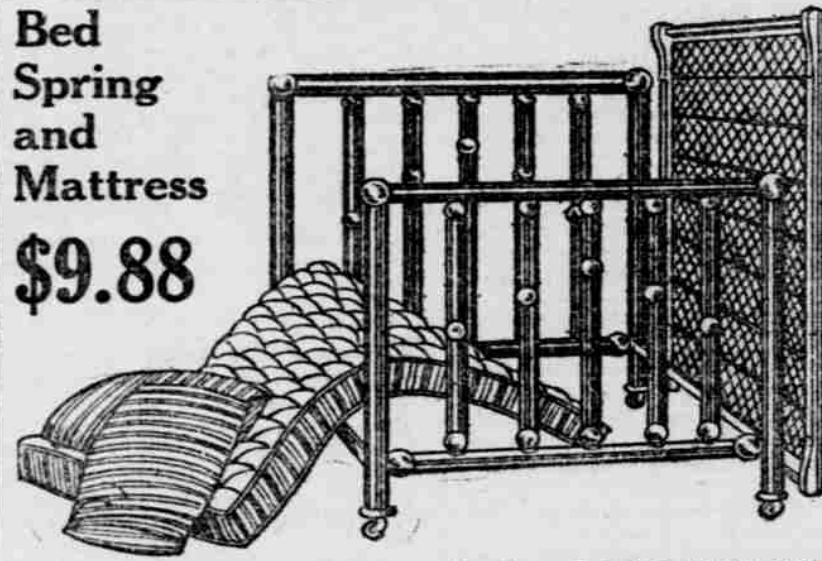


Porch Table

of the same finish and make as the rocker, would go well with it; 30-inch round top, during this sale.

\$4.50

Bed  
Spring  
and  
Mattress  
\$9.88



Iron bed spring and mattress combination. Bed has 2-inch posts with 5 fillers, finished in Vernis Marten. Spring is a good guaranteed link spring, with a good mattress to fit. The whole outfit during this sale.

\$9.88

Chiffonier, \$10.50

CHIFFONIER, of golden oak, with a nice mirror, two small drawers and four large drawers, during this sale.

\$10.50

Golden Oak Buffets  
40% Off

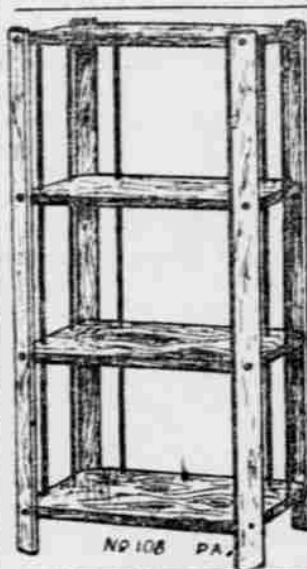
GOLDEN OAK BUFFET, with mirror, 44-inch top, \$24.00 value, during this sale.

40% OFF

Dining Room Tables  
40% Off

DINING ROOM TABLE, quartered oak, hand polished, 45-inch top, 6-foot extension, \$18.50 value, during this sale.

40% OFF



Magazine  
Rack

Magazine Rack, made of hardwood, finished in fumed oak, size 12x16 inches; four nice shelves.

During this sale

\$1.25



Child's Iron Crib

CHILD'S IRON CRIB, finished in Vernis Marten, with drop sides, good spring, size 2 ft. 6 in. by 4 ft. 6 in.; during this sale.

\$4.45



Brass Bed  
\$22.50

BRASS BEDS, 2 1/2-inch posts, 1 1/2-inch top rail, 9 1/2-inch fillers, English lacquer. We have picked this bed out of many we have in stock and it is a good example of the many bargains that are to be had here. During this sale.

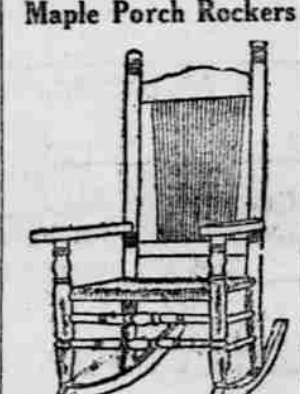
\$22.50



GOLDEN OAK  
DRESSER

40-inch top, well finished, two large drawers, two small drawers, 16x24 bevelled edge, French plate mirror. During this sale.

\$12.00



Maple Porch Rockers

MAPLE PORCH ROCKERS, with rattan seat and back, large and roomy, one of the many pieces of porch furniture that we have shown. During this sale.

Reed Porch  
Rocker

REED PORCH ROCKERS—This rocker has a hard maple frame, well made. No one should be without a porch rocker at this low price. During this sale.

\$1.98



Furniture  
4th Floor

## Saturday Specials in Our Cut Rate Drug Store

\$3.75 Horlick's Malted Milk	\$3.21	100 Dr. Hinkle's Pills	27c
\$1.00 Sal Hepatica	84c	100 Penolax Wafers	42c
\$1.00 Scott's Emulsion	84c	100 Alophen Pills	42c
\$1.00 Peruna	82c	100 Lactapic Pills	42c
\$1.00 Gude's Pepto-Mangan	92c	1 Pint Pure Castor Oil	29c
\$1.00 Foley's Kidney Remedy	79c	1 Pint Pure Glycerine	39c
\$1.00 Listerine	79c	1 Pint Imported Bay Rum	32c
\$1.00 Russell's Emulsion	92c	1 Pint Norwegian Cod Liver Oil	59c
\$1.00 Maltine with Cod Liver Oil	92c	6 Ounces Spirit of Camphor	19c
\$1.00 Lydia Pinkham's Remedy	84c	6 Ounces Glycerine and Rose Water	19c
\$1.00 Dr. Shoop's Rheumatic Cure	69c	6 Ounces Sweet Spirit of Nitre	19c
\$1.00 Ozamulsion	79c	1/2 Dozen Castor Oil Capsules	5c
\$1.00 Danderine	69c	50c Sodium Phosphate	35c
75c Jad Salts	39c	25c Selditz powder, 10 pair in box	15c
50c Mentholatum	39c	Large Box Sulphur and Cream Tartar Lozenges	8c
50c Nature's Remedy	39c	10c Sulphur Fumigators, 3 fumigators	10c
50c Make-Man Tablets	42c	1 Pound Epsom Salts	10c
50c California Syrup of Figs	42c	50c Bath Brushes	19c
50c Scott's Emulsion	39c	150c Fountain Syringes	59c
50c Kondons' Catarrh Cure	39c	25c Good Sense Tooth Brush	13c
50c Fletcher's Castoria	28c	25c Sodont Tooth Brush	13c
25c Mentholatum	19c	25c Berset Shaving Cream	13c
25c Belladonna Plasters (Red Cross)	13c	25c Violet Talcum Powder	15c
25c Red Cross Kidney Plasters	13c	25c Cressler's Balm Hand Lotion	15c
25c Rex Porous Plasters	13c	We take pleasure in announcing that our prescription department has had an increase of 200 percent in the last year. This shows that our work must be satisfactory, our materials the very best, and our prices right. Let us convince you as we have convinced others.	
15c Peterman's Discovery	10c	M. B. HENWOOD, R. PH.	
15c Rat Mum	10c		
25c Tettow's Gosmer powder	17c		
25c Woodbury's Face Powder	13c		
\$1.00 E. Burnham's Hygienic Skin food	69c		
50c Dr. Charles' Flesh Food	39c		
25c Sanitol Preparations	19c		
100 Aspirin Tablets	79c		
100 Compound Cathartic Pills	29c		

Just received,  
new open stock  
Dinnerware  
patterns in the  
Homer Laughlin  
china.  
—Dinnerware  
Basement.

SATURDAY WILL  
USHER IN

## A Sale of Wonderfully Good Coats and Suits

Here is the greatest coat and suit declaration of the day. One score and one hundred coats and equally as many suits will be sold at a grand bargain. A THREE DAYS BARGAIN EVENT, BEGINNING SATURDAY

Any coat in the store  
\$12.75  
Values to \$27.50—One to a customer

Coats that formerly sold  
at 12.50 to 17.50, now

\$7.50

COATS at \$9.95, now \$5.95

All suits to \$27.50 now \$8.75

Any suit in the store

\$15.75

Values to \$47.50—One to a customer

The prices would hardly cover the cost of materials, making and shipping. The "money-wise" woman will need no second bidding to avail herself of this opportunity to get quality garments at a low price. They are upheld by quality.

## NEWS! NEWS! NEWS! For the Housewife

Reduce your expenses by buying now. Cannot afford it? Really you cannot afford not to, as these items afford a positive saving.

TOWEL BARS, made of brass, 15-inch size, nickel plated; just the thing for the home, each.

25c

TOWEL BARS, same as above, except that it is the 18-inch size, each.

30c

SOAP RACKS, for the bath tub, extra large, in brass, nickel plated, each.

45c

SOAP RACKS, extra heavy of brass, nickel plated.

50c

GLASS SHELVES, with all the necessary brackets.

65c

GLASS TOWEL BARS, of opal finish, 18-inch size.

75c



CUP AND GLASS BRACKETS, made of brass, nickel plated.

50c



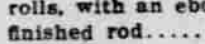
TOOTH BRUSH HOLDERS of all brass, nickel plated, made to hold four tooth brushes.

18c



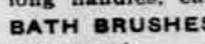
TOILET PAPER HOLDER, for the rolls, with an ebony finished rod.

25c



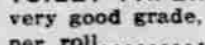
BATH BRUSHES, with the long handles, each.

19c



BATH BRUSHES, large, each.

25c



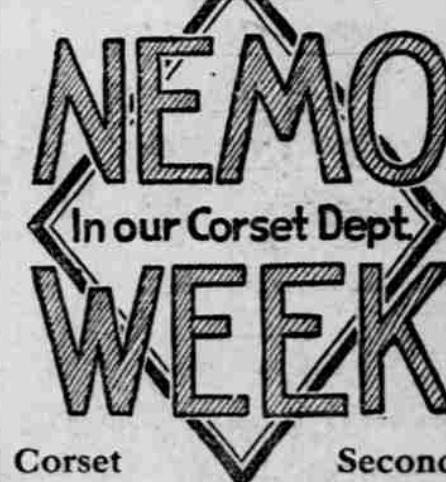
TOILET PAPER, "Old Mill Stream," very good grade, per roll.

5c

## Demonstration of Bohn-Syphon Refrigerators Tomorrow

Mr. William C. Holbrook will explain the many advantages of using a BOHN-SYPHON refrigerator. He will demonstrate with groceries and use the new ideas in refrigerators. The Bohn-Syphon is noted for the absence of moisture, perfect insulation, circulation of air and economy in the use of ice.

May 4th to May 9th



Corset  
Department  
Second  
Floor

Just received a lot of  
NEW NET  
CORSETS.  
Just the thing for the warm weather, sizes 19 to 30.  
Prices 50c to \$1.00

# YOUNG & MCCOMBS

CO OPERATIVE STORE CO. ROCK ISLAND, ILL.

stage, most of the leaves will have turned yellow and many will have fallen off. The crop will be ready for storing or threshing soon after cutting and then thresh from the stack at a later convenient time.

Threshing may be done very satisfactorily with the common thresher arranged so as to run the cylinder at about half the usual speed for threshing wheat or oats, without changing the speed of the separator, by means of two extra pulleys of double the usual circumference, which are put in place of the regular ones at either end of the cylinder shaft. In addition many of the seeds. A corn shredder can also be used for threshing the beans as they shell out readily when ripe and properly dried.—H. A. McKeene in Illinois Farm Institute Bulletin.

Children's bare-foot sandals 49c, at Priester-Hickey Shoe Co.—(Adv.)

Drunk is Fined.  
H. Gilbert, charged with drunkenness, was fined \$3 and costs in police court today.

All the news all the time—The Argus.